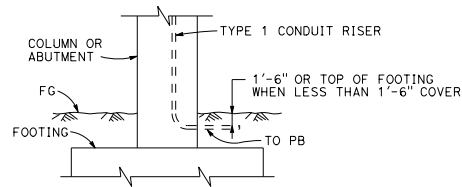
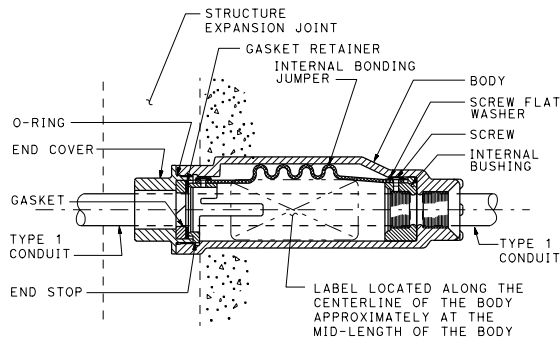


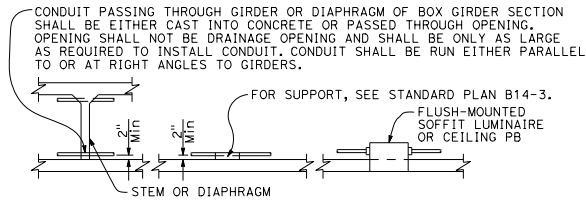
**CONDUIT RISER
CONNECTION**
DETAIL R



**LOWER END OF CONDUIT RISER
AT COLUMN OR ABUTMENT**
DETAIL T



CONDUIT EXPANSION FITTING
DETAIL X

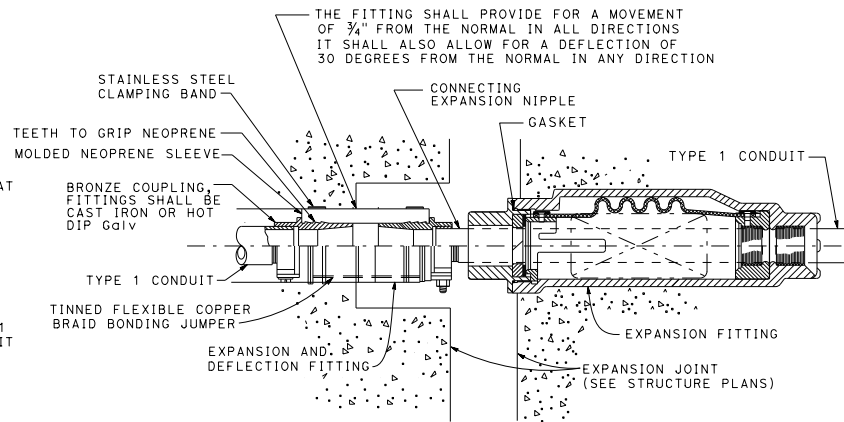


**CONDUIT INSTALLATION WITHIN
BOX GIRDER SECTIONS**
DETAIL S

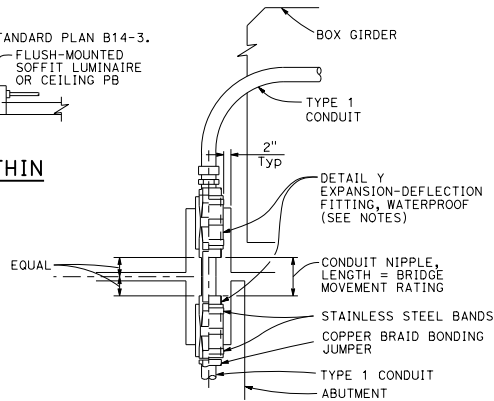
NOTES:

1. Fitting and pocket required only where movement can occur between girder and abutment.
2. Fill pocket around fitting with resilient waterproof compound.

**CONDUIT RISER CONNECTION
AT COLUMN, ABUTMENT OR STRUCTURE WING WALL**
DETAIL U

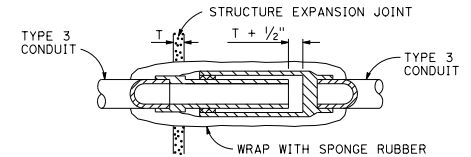


**COMBINATION EXPANSION-DEFLECTION FITTINGS
METALLIC CONDUIT INSTALLATION**
DETAIL XY

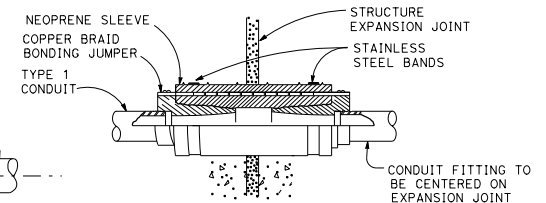


NOTES:

1. Except for sidewalk joints, a conduit expansion fitting or expansion-deflection fitting shall be installed at each $\frac{1}{2}$ " or greater structure joint, hinge or abutment.
2. Fittings or combination of fittings shall be installed to accommodate the movement rating as shown on the structure plans.
3. Fittings shall be installed parallel to superstructure girders.
4. Where lateral movement greater than $\frac{1}{4}$ " may occur, a neoprene sleeve expansion-deflection fitting shall be installed straddling the joint.



**NON-METALLIC CONDUIT EXPANSION
FITTING INSTALLATION DETAIL**
To be used only when shown or specified on Project Plans
DETAIL V



CONDUIT EXPANSION-DEFLECTION FITTING
DETAIL Y

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
(CONDUIT RISER AND
EXPANSION FITTING,
STRUCTURE INSTALLATIONS)**
NO SCALE

ES-9B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Signatures & Co.
REGISTERED ELECTRICAL ENGINEER
May 31, 2018
PLANS APPROVAL DATE
No. E18551
EXP. 12-31-18
ELECTRICAL
STATE OF CALIFORNIA

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